

Patent 7,003,444

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PATENT

CofC

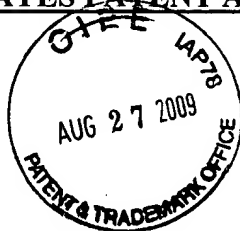
**IN UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: David Neal Weise

Patent No.: 7,003,444

Issue Date: February 21, 2006

Customer No.: 22971



Examiner: Han, Qi

Group Art Unit: 2654

Confirmation No.: 2123

Docket No: 164108.01

Title: METHOD AND APPARATUS FOR IMPROVED GRAMMAR CHECKING USING A STOCHASTIC PARSER

**REQUEST FOR CERTIFICATION OF CORRECTION**

Attn: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**

AUG 31 2009

**of Correction**

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

**As the error is that of the Patent Office, it is believed that no fee is due.**

Respectfully submitted,

**Customer Number: 22971**

Date 8/11/2009

By /Henry Gabryjelski/  
Attorney Name: Henry Gabryjelski  
Reg. No.: 62828

**CERTIFICATE UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Attn: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on this 24<sup>th</sup> day of August 2009.

Christine Hartness  
Christine Hartness

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(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,003,444

DATED : February 21, 2006

INVENTOR(S) : David Neal Weise

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 3, line 29, delete "symbolc" and insert - - symbolC - -, therefor.

In column 11, line 38—48, delete "The statistical goodness measure (SGM) of the exemplary parser uses a generative grammar approach. In a generative grammar approach, each sentence has a top-down derivation consisting of a sequence of rule applications (i.e., transitions). The probability of the parse tree is the product of the probabilities of all the nodes. The probability for a given node is the probability that from the node one would take a specific transition, given the syntactive features. The SGM of the exemplary parser may be calculated using either of the following equivalent formulas:" and insert - -

The statistical goodness measure (SGM) of the exemplary parser uses a generative grammar approach. In a generative grammar approach, each sentence has a top-down derivation consisting of a sequence of rule applications (i.e., transitions). The probability of the parse tree is the product of the probabilities of all the nodes. The probability for a given node is the probability that from the node one would take a specific transition, given the syntactive features. The SGM of the exemplary parser may be calculated using either of the following equivalent formulas: - - on line 39 as a new paragraph.

In column 13, line 29, delete "VPwNPri" and insert - - VPwNP1 - -, therefor.

In column 14, line 34, delete "VPwNP1" and insert - - VPwNPI - -, therefor.

In column 17, line 10, after "hw( $n_x$ )" insert - - . - -.

MAILING ADDRESS OF SENDER:

CPA Global  
P.O. Box 52050  
Minneapolis, MN 55402

PATENT NO. 7,003,444

No. of additional copies

➡ Page 5 of 6

Atty Docket No: 164108.01

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,003,444  
DATED : February 21, 2006  
INVENTOR(S) : David Neal Weise

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 19, line(s) 6-10, delete

$$\begin{aligned} & \text{Count}(\text{trn}(n_x) \& \text{hw}(n_x) \& \\ & = \frac{\text{pl}(n_x) \& \text{sh}(n_x) \& \text{segtype}(n_x)}{\text{Count}(\text{hw}(n_x) \& \text{pl}(n_x) \& \\ & \text{" sh}(n_x) \& \text{segtype}(n_x)) " } \end{aligned}$$

and insert

$$\begin{aligned} & \text{Count (trn}(n_x) \& \text{hw}(n_x) \& \text{pl}(n_x) \& \text{sh}(n_x) \\ & \& \text{segtype}(n_x) ) } \\ & = \frac{\text{Count (hw}(n_x) \& \text{pl}(n_x) \& \text{sh}(n_x) \& \\ & \text{.. segtype}(n_x) ) } \end{aligned}$$

therefor (closing parenthesis in numerator).

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